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ABSTRACT

Patent Number: JP61037887
Publication date: 1986-02-22
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Requested Patent: ☐ JP61037887
Application Number: JP1984015888 19840731
Priority Number(s):
IPC Classification: C09K11/06
EC Classification:
Equivalents: JP2012442C, JP4046313B

Abstract

PURPOSE: An inexpensive EL element with a good light emission efficiency by low-voltage driving, made by holding a light-emitting layer of an electron-acceptive, electroluminescent org. compd. and a light-emitting layer of an electron-donating electroluminescent org. compd. between two electrode layers.

CONSTITUTION: A light-emitting layer 2, 0.01-1µm in thickness, comprising a first light-emitting layer 4 consisting of a monomolecular film or monomolecular cumulative film of an electroluminescent org. compd. such as a compd. of formula I which is more electron-acceptive than a second light-emitting layer, and the second light-emitting layer 5 consisting of a monomolecular film or monomolecular cumulative film of an electroluminescent org. compd. which is more electron-donating than the first light-emitting layer, are held between electrode layers 1 and 2 of which at least one is transparent.

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